



Setforge

TRUCK

Facing ecological challenges, the truck industry must reinvent itself for a sustainable future. To achieve this, high-value components and reliable partners are needed to overcome the energy mix challenges especially based on low-carbon energy.

With decades of forging expertise and deep industry experience, Setforge is a trusted supplier to the world's leading OEMs. Our unwavering commitment to quality and innovation allows us to meet even the most demanding requirements with precision and excellence. Let's meet to discuss your idea!



COMMITTED TO YOUR **SUCCESS** AT EVERY STEP

Together let's build your project from your idea to the finished part.



CO-DEVELOPMENT

- **Engineering excellence**
- Materials selection, process optimization, re-design to cost, tooling design, structural and metallurgical analysis, industrialization phase...



FORGING

- **Extensive know-how**
- From 0.1 kg to 1500 kg
- Small, medium & high production volume with a wide diversity of materials



MACHINING & FINISHING

- **A comprehensive approach**
- Heat treatment, pre-machining or finished parts, assembling, coating, painting, RFID tracking...
- In-house or with selected partners



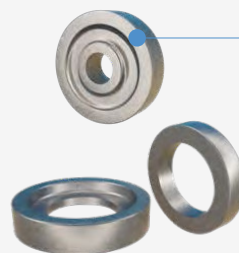


HIGH SPEED HORIZONTAL PRESSES & RING ROLLING

Fast, precise and cost-efficient!

Setforge benefits from state-of-the-art horizontal presses and ring rolling equipment, enabling high-speed production of a large variety of gears.

These advanced technologies ensure the manufacturing of high-quality parts for the automotive and truck industry at very competitive costs.



Geometry

Gears, Sliding Gears, Ring Gears, Planet Wheels, Central Wheel, Sleeves, Hub...

Gears type

Diameter up to 225 mm
Weight up to 8 kg

Ring type

Diameter up to 250 mm
Weight up to 8 kg

UPSET FORGING & HOLLOW PARTS

An efficient and high-performance forging technology

High performance

Monobloc parts, manufactured from bar or tube, with continuous fiber flow, ensure superior mechanical integrity.

Energy efficient

Only the deformed area is heated, reducing energy consumption and CO₂ emissions.

Material savings

Minimized scrap and machining needs.



Length

Up to 1400 mm

Bar diameter

Up to 130 mm

Flange

Up to 450 mm

Weight

Up to 200 kg

Machining

In-house or with selected partners



COLD FORGING SHAFTS

Setforge is pushing the cold forging technology to its limits!

Sustainable process

No heating, lower carbon footprint and reduced energy consumption.

Cost savings

Fewer operations than hot forging, less material waste with near net production and reduced machining costs.

High-quality parts

Unbroken grain flow and high precision.

Faster production

Simpler tooling and shorter lead times than hot forging.



Length

Up to 600 mm

Tolerance +/- 0,1 mm

Diameter

Up to 125 mm

Tolerance +/- 0,3 mm

Part weight

From 300 gr to 25 kg
Forged part

Volume

From 500 pcs/year
To 300 000 pcs/year

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OUR VISION 2050

BECOMING THE **LOW CARBON** FORGING LEADER

Because facing the environmental challenge requires concrete actions.

Electrification of processes, energy management, on-site green energy production, sustainable supply chain, waste management, awareness campaigns of our teams...

With our special group project E-CAR, we take a stand for the future.



Setforge

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